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Census File Number

**Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997**

**INSTRUCTIONS**

**1. General** – The materials, parts, and supplies listed below are those commonly consumed in the manufacture, processing, or assembly of the products listed in item 18B. Please review the entire list and report separately each item consumed. Leave blank if you do not consume the item. If you use materials, parts, and supplies which are not listed, describe and report them in the "Cost of all other materials . . ." line at the end of this section. If you consumed less than \$25,000 of a listed material, include the value with "Cost of all other materials . . .," Census material code 970099 8.

Report materials, parts, and supplies purchased, transferred from other plants of your company, or withdrawn from inventory.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

Materials received from other plants within your company should be reported at their full economic value (the value assigned by the shipping plant, plus the cost of freight and other handling charges).

If purchases or transfers do not differ significantly from the amounts actually put into production, you may report the cost of purchases or transfers. However, if consumption differs significantly from the amounts purchased or transferred, these amounts should be adjusted for changes in the materials and supplies inventories by adding the beginning inventory to the amount purchased or transferred and subtracting ending inventory.

**3. Contract Work** – Include as materials consumed those you purchased for use by others making products for you under contract. Amounts paid to the companies doing the contract work should be reported in item 10, line e, and should include freight and freight. On the other hand, materials owned by others but used at this establishment in making products for others under contract or on commission should be excluded.

**4. Resales** – Cost for products bought and sold or transferred from other establishments of your company and sold without further manufacture, processing, or assembly should be reported in item 10, line b, not in item 17 below. The value of these products shipped by this establishment should be reported in item 18B under Census product code 99989 00 6, "Resales."

**2. Valuation of Materials Consumed** – The value of the materials, etc., consumed should be based on the delivered cost; i.e., the amount paid or payable after discounts and including freight and other direct charges incurred in acquiring the materials.

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Line No.	Materials, parts, and supplies  <b>(A)</b>		Census material code  <b>(B)</b>	Consumption of purchased materials and of materials received from other establishments of your company		
				Cost, including delivery cost (freight-in) <b>(E)</b>		
				574 Millions	Thou- sands	Dollars
<b>1</b>	FABRICATED METAL PRODUCTS (Except forgings)	Metal fittings, flanges, and unions for piping systems	349450 7	\$		
<b>2</b>		Metal stampings	346901 2			
<b>3</b>		Other fabricated metal products	340099 1			
<b>4</b>	Forgings		346000 3			
<b>5</b>	CASTINGS (Rough and semifinished)	Iron and steel	332001 7			
<b>6</b>		Aluminum and aluminum-base alloy	336005 4			
<b>7</b>		Other nonferrous castings	336003 9			
<b>8</b>	Shapes and Forms (Except castings, forgings, and fabricated metal products)	STEEL	Bars and bar shapes	331072 9		
<b>9</b>			Sheet and strip	331022 4		
<b>10</b>			Plates	331082 8		
<b>11</b>			Structural shapes	331071 1		
<b>12</b>			Pipes	331024 0		
<b>13</b>			All other steel shapes and forms	331030 7		
<b>14</b>			COPPER AND COPPER-BASE ALLOY	Pipe and tube	335152 5	
<b>15</b>	All other copper and copper-base alloy shapes and forms	335190 5				

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Item 17. CONSUMPTION OF SELECTED MATERIALS DURING 1997 – Continued							
Line No.	Materials, parts, and supplies			Census material code	Consumption of purchased materials and of materials received from other establishments of your company		
					Cost, including delivery cost (freight-in)		
	(A)			571 (B)	574 Millions	Thou-sands	Dollars
16	Shapes and Forms (Except castings, forgings, and fabricated metal products) – Continued	ALUMINUM AND ALUMINUM-BASE ALLOY	Sheet, plate, foil, and welded tubing	335301 8	\$		
17			Extruded shapes (including extruded rod, bar, pipe, etc.)	335405 7			
18			All other aluminum and aluminum-base alloy shapes and forms	335008 9			
19		All other nonferrous shapes and forms	335099 8				
20	Metal powders			339915 1			
21	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc., but excluding sheets, rods, tubes, and other shapes			282104 9			
22	Cost of all other materials and components, parts, containers, and supplies consumed . . . . . <i>Describe the principal materials, etc., included in this value.</i>			970099 8			
23	<b>TOTAL</b> Sum of lines 1–22 should equal item 10, line a				\$		

Item 18A – Not applicable to this report

**Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997**

**INSTRUCTIONS**

**1. General** – The manufactured products and services listed below are generally made in your industry. If you make products that are not listed, describe and report them in the "All other products made in this establishment" section at the end of item 18B. PLEASE DO NOT COMBINE PRODUCT LINES.

If quantities are requested, please use the unit of measure specified.

If the information as requested cannot be taken directly from your book records, REASONABLE ESTIMATES ARE ACCEPTABLE.

**2. Valuation of Products** – Report the value of the products shipped and services performed at the net selling value, f.o.b. plant to the customer; i.e., after discounts and allowances, and exclusive of freight charges and excise taxes.

If you transfer products to other establishments within your company, you should assign the full economic value to the transferred products; i.e., include all direct costs of production and a reasonable proportion of all other costs and profits.

**3. Contract Work** – Report PRODUCTS MADE BY OTHERS FOR YOU FROM YOUR MATERIALS on the specific lines as if they were made in this establishment. On the other hand, do not report on the specific product lines PRODUCTS THAT YOU MADE FROM MATERIALS OWNED BY OTHERS. Report only the amount that you received for "commission or contract receipts" under Census product code 93000 00 8.

**4. Resales** – Do not report on the specific product lines those PRODUCTS BOUGHT AND SOLD OR TRANSFERRED FROM OTHER ESTABLISHMENTS OF YOUR COMPANY AND SOLD WITHOUT FURTHER MANUFACTURE. Report only a value under Census product code 99989 00 6, "Resales."

Line No.	Products and services		Census product code	Unit of measure for quantities	Products shipped and other receipts		
					Quantity	Value, f.o.b. plant	
	581 (A)	583 (D)	584 Millions	Thou-sands		Dollars	
1	FABRICATED PIPE AND PIPE FITTINGS MADE FROM PURCHASED PIPE (34980)	Iron and steel	34980 13 6		\$		
2		Aluminum and aluminum-base alloy	34980 15 1				
3		Copper and copper-base alloy	34980 17 7				
4		All other nonferrous fabricated pipe and pipe fittings	34980 19 3				
5	Aluminum welded tube		34980 29 2				

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Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 - Continued

Line No.	Products and services (A)	Census product code 581 (B)	Unit of measure for quantities (C)	Products shipped and other receipts				
				Quantity 583 (D)	Value, f.o.b. plant (E)			
					584 Millions	Thou- sands	Dollars	
6	SAFES AND VAULTS (34991)	Safes and vaults (fire-resistive and burglary-resistive)	34991 17 4					
7		Safe deposit boxes	34991 41 4	Number				
8		Safe and vault locks	34991 43 0					
9		All other bank and security vaults and equipment (including bank security lockers, night depositories, security equipment for drive-in windows, and similar equipment and signaling and alarm equipment when sold together with bank equipment) and other interior equipment for safes and chests	34991 99 2					
10	COLLAPSIBLE TUBES (34992)	Aluminum	34992 11 5					
11		Other (including tin, tin-coated, tin-lead alloy, and lead)	34992 13 1					
12	Flat metal strapping (34993)	34993 00 6		Short tons				
13	METAL LADDERS (34995)	Step and platform types	34995 11 8					
14		Rung types (single, trestle, extension, sectional, etc.)	34995 21 7					
15		Ladder-type step stools	34995 31 6					
16		Ladder accessories (metal) (including levelors, ladder feet, ladder jacks, roof hooks, bucket shelves, etc.)	34995 39 9					
17	POWDER METALLURGY PARTS (Excluding bearings, gears, and machine cutting tools, and all cemented carbide parts) (34996)	Aluminum and aluminum-base alloy	34996 11 6	Thousand pounds				
18		Copper and copper-base alloy	34996 33 0					
19		Iron and steel	34996 55 3					
20		Nickel-cobalt-base super alloy materials	34996 66 0					
21		Tungsten metal and tungsten-base alloy	34996 77 7					
22		Other materials - <i>Specify kind of metal</i>	34996 88 4					
23	ALL OTHER FABRICATED METAL PRODUCTS, N.E.C. (34998)	Permanent magnets (except ceramic permanent magnets)	34998 11 2					
24		Fabricated assemblies of railroad frogs, switches, and crossings	34998 19 5					
25		Metal boxes for packaging and shipping	34998 21 1					
26		Metal boxes other than for shipping (ammunition boxes, jewelry cases, etc.)	34998 25 2					
27		Stamped metal wheels for golf carts, lawnmowers, etc., (disc-type)	34998 29 4					
28		Metal aerosol valves	34998 31 0					
29		Metal spools and reels	34998 39 3					
30	(Continued on next page)	Metal trophies, except precious metal	34998 95 5					

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**Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 - Continued**

Line No.	Products and services  <b>(A)</b>		Census product code  <b>(B)</b>	Unit of measure for quantities  <b>(C)</b>	Products shipped and other receipts			
					Quantity  <b>(D)</b>	Value, f.o.b. plant <b>(E)</b>		
						584 Millions	Thou- sands	Dollars
<b>31</b>	ALL OTHER FABRICATED METAL PRODUCTS, N.E.C. (34998) - Continued		34998 96 3					
<b>32</b>	Metal furniture parts, household							
<b>33</b>	Metal furniture parts, office		34998 97 1					
<b>33</b>	Other fabricated metal products, n.e.c. (including metal ironing boards and metal memorial tablets and grave markers) - Specify kind							
<b>33</b>			34998 98 9					
<b>34</b>	SCAFFOLDING, SHORING, AND FORMING FOR CONCRETE WORK (34464)							
<b>35</b>	Suspended scaffolding (including midpoint, two-point, multilevel, suspended, boatswain chairs, etc.) (iron, steel, and aluminum)		34464 10 7					
<b>36</b>	Access scaffolding (including tube and coupler system, prefabricated mobile scaffolds, etc.) (iron, steel, and aluminum)		34464 13 1					
<b>37</b>	Shoring (including flying forms, postshores, ellis clamps, reshores, etc.) (iron, steel, and aluminum)		34464 16 4					
<b>38</b>	Forming (including modular, prefabricated, custom design, etc.) (iron, steel, aluminum, and all other material-metal combinations)		34464 18 0					
<b>38</b>	Electronic Enclosures (Made of sheet metal) (34448)	COMPUTER AND PERIPHERAL EQUIPMENT						
<b>39</b>		Steel	34448 11 8					
<b>40</b>		Aluminum	34448 13 4					
<b>40</b>	Other electronic enclosures (excluding computer; including machine and motor housings, panels, and guards) (steel and aluminum)		34448 19 1					
<b>41</b>	CUSTOM ROLL-FORMED PRODUCTS (34498)							
<b>42</b>	Carbon steel		34498 11 3					
<b>43</b>	Stainless steel		34498 13 9					
<b>44</b>	Aluminum		34498 15 4					
<b>44</b>	Other metals		34498 17 0					
<b>45</b>	ALL OTHER PRODUCTS MADE IN THIS ESTABLISHMENT							
<b>45</b>	<i>Describe and report separately each product with a sales value of \$50,000 or more which cannot be assigned to one of the lines above. Specify unit of measure for quantity. For all remaining products, write "Other" and report a single total value.</i>							
<b>46</b>			18					
<b>47</b>			26					
<b>48</b>			34					
<b>49</b>			42					
<b>50</b>			59					
<b>50</b>			67					
<b>51</b>	CONTRACT WORK							
<b>51</b>	Receipts for work done for others on their own materials . . . . . Describe below products worked on and kind of work.		93000 00 8					

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**Item 18B. PRODUCTS AND SERVICES OF THIS ESTABLISHMENT DURING 1997 – Continued**

Line No.	Products and services  (A)		Census product code  (B)	Products shipped and other receipts			
				Quantity  (D)	Value, f.o.b. plant (E)		
			581		583	584	Millions
52	MISCELLANEOUS RECEIPTS	Sales of scrap and refuse	99980 13 8		\$		
53		Receipts for repair work	99980 61 7				
54		Other miscellaneous receipts	99980 98 9				
55	RESALES	Sales of products bought and sold without further manufacture, processing, or assembly in this establishment. The cost of such items should be reported in item 10, line b.	99989 00 6				
56	<b>TOTAL value of shipments and other receipts</b> Sum of lines 1-55 column (E)		77000 00 8		\$		

**Items 19-21 – Not applicable to this report**

**REMARKS** – Please use this space for any explanations that may be essential in understanding your reported data.

**Item 22. CERTIFICATION – This report is substantially accurate and has been prepared in accordance with instructions.**

Name of person to contact regarding this report ( <i>Print or type</i> )				Telephone	Area code	Number	Extension
667	1			2			
Name of company				Address ( <i>Number and street, city, State, ZIP Code</i> )			
<b>Period covered</b>		FROM: Month	Day	Year	TO: Month	Day	Year
666	1				2		
Signature of authorized person				Title			Date